

# Micron 300

## Antifouling

### Premium Polishing Antifouling



#### PRODUCT DESCRIPTION

Micron 300 is an antifouling product effective against fouling organisms; slime, aquatic plants and animals. A Premium Polishing Antifouling suitable for professional and consumer application onto vessels in fresh and salt water. The polishing system provides up to 2 years performance, avoiding paint build up. The ever-smoothing surface ensures that drag is always minimised whilst maintaining optimum biocide release including in stationary periods. Can be applied up to 12 months before launch.

#### PRODUCT INFORMATION

<b>Colour</b>	YBB643-Black, YBB644-Navy, YBB645-Blue, YBB646-Green, YBB647-Dark Grey, YBB648-Dover White, YBB649-Red
<b>Finish</b>	Matt
<b>Specific Gravity</b>	1.9 average
<b>Volume Solids</b>	58% average
<b>Typical Shelf Life</b>	2 yrs
<b>VOC (As Supplied)</b>	364 g/L average
<b>VOC (EU Solvent)</b>	193 g/Kg average EU Solvent Emissions Directive (Council Directive 1999/13/EC)
<b>Unit Size</b>	750mL, 2.5L, 5L, 20L

#### DRYING/OVERCOATING INFORMATION

	Drying			
	5°C (41°F)	15°C (59°F)	23°C (73°F)	35°C (95°F)
Immersion	24 hrs	12 hrs	8 hrs	6 hrs
Touch Dry	1 hrs	45 mins	30 mins	20 mins

**Note:** Max. immersion times are as follows: 5-35°C - 12 months

Overcoated By	Overcoating							
	Substrate Temperature							
	5°C (41°F)		15°C (59°F)		23°C (73°F)		35°C (95°F)	
	Min	Max	Min	Max	Min	Max	Min	Max
Micron 300	16 hrs	ext	10 hrs	ext	6 hrs	ext	4 hrs	ext

#### APPLICATION AND USE

<b>Preparation</b>	<p><b>PREVIOUSLY ANTIFOULED SURFACE:</b></p> <p><b>In Good Condition:</b> All fouling and contamination must be thoroughly removed including the leached layer. Use high pressure fresh water wash (3000 psi/207 bar) and/or scraping and wet sanding with typically 80-120 grade paper. Do not dry sand. If old antifouling is incompatible or unknown, seal with suitable International Paint barrier/sealer coat.</p> <p><b>In Poor Condition:</b> Use Interstrip to remove all traces of antifouling.</p> <p><b>PRIMING:</b> All preparation for bare substrates is covered on the appropriate primer datasheet.</p> <p><b>BARE GRP:</b> Prime with Gelshield 200 for osmosis protection, or Primocon or Interprotect.</p> <p><b>STEEL/IRON/LEAD/WOOD:</b> Prime with Interprotect or Primocon.</p>
<b>Hints</b>	<p><b>Mixing:</b> Thoroughly stir until product is mixed to a uniform consistency before use.</p> <p><b>Thinning:</b> Thinning is not recommended. Antifouling performance can be compromised if correct dry film thickness is not applied.</p> <p><b>Cleaner:</b> YTA085 International Antifouling Thinners #3.</p> <p><b>Airless Spray (Professional only):</b> Pressure 176-220 bar/2500-3200 psi. Tip size: 517 to 521.</p> <p><b>Ventilation and Humidity Control:</b> Ensure adequate ventilation during use.</p> <p><b>Other:</b> Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling. True colour will develop after immersion.</p>
<b>Some Important Points</b>	To prevent premature failure, ensure the correct amount of paint is applied using the coverage as a guide. Product temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Ambient temperature should be minimum 5°C/41°F and maximum 35°C/95°F. Substrate temperature should be minimum 3°C/37.4°F above dew point and maximum 35°C/95°F.
<b>Compatibility/Substrates</b>	For use over suitably primed GRP, Wood, Steel/Iron and lead. Not suitable for use over Aluminium/Alloy substrates or zinc-sprayed surfaces. Can be applied direct over most types of antifouling, provided they are in sound condition, with the exception of VC17m/PTFE antifouling. Consult your local International Paint representative for specific overcoating advice if you are unsure about compatibility of Micron 300 over your existing coating scheme.
<b>Number of Coats</b>	<b>By Brush/Roller:</b>

Please refer to your local representative or visit [www.yachtpaint.com](http://www.yachtpaint.com) for further information.

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Apply 2 coats of 60 microns dry for 12 months (Total DFT of 120 microns)  
Apply 3 coats of 60 microns dry for 24 months (Total DFT is 180 microns)

**By Spray (Professional only):**

Apply 1 coat of 120 microns dry for 12 months (Total DFT of 120 microns)  
Apply 2 coats of 90 microns dry for 24 months (Total DFT of 180 microns)

**In all schemes, apply an extra stripe coat in areas of high wear such as chines, rudders, sterngear and any leading edges.**

**Coverage**

**By Brush/Roller:**

(Theoretical) - 10 m<sup>2</sup>/L per coat  
(Practical) - 9 m<sup>2</sup>/L per coat

**By Spray (Professional only):**

(Theoretical) - 6.67m<sup>2</sup>/L per coat (for 24 months scheme)  
(Practical) - 4m<sup>2</sup>/L per coat (for 24 months scheme)

(Theoretical) - 4.83m<sup>2</sup>/L per coat (for 12 months scheme)  
(Practical) - 2.9 m<sup>2</sup>/L per coat (for 12 months scheme)

**Recommended DFT per coat**

60 microns dry per coat by brush/roller  
90 microns dry per coat by spray (for 24 months scheme)  
120 microns dry per coat by spray (for 12 months scheme)

**Recommended WFT per coat**

103 microns wet per coat by brush/roller  
155 microns wet per coat by spray (for 24 months scheme)  
207 microns wet per coat by spray (for 12 months scheme)

**Application Methods**

Airless Spray (Professional only), Brush, Roller

#### TRANSPORTATION, STORAGE AND SAFETY INFORMATION

**Storage**

**GENERAL:**

Exposure to air and extremes of temperature should be avoided. For the full shelf life of Micron 300 to be realised ensure that between use the container is firmly closed and the temperature is between 5°C/41°F and 35°C/95°F. Keep out of direct sunlight.

**TRANSPORTATION:**

This product should be kept in securely closed containers during transport and storage.

**Safety**

**GENERAL:**

Contains biocides.

Antifouling should only be wet sanded. Never dry sand or burn-off old antifouling. Read the label safety section for Health and Safety Information, also available from our Technical Help Line.

**DISPOSAL:**

Do not discard tins or pour paint into water courses, use the facilities provided. It is best to allow paints to harden before disposal.

Remainders of this product cannot be disposed of through the municipal waste route or dumped without permit. Disposal of remainders must be arranged for in consultation with the authorities.

**IMPORTANT NOTES**

*The information given in this sheet is not intended to be exhaustive. Any person using the product without first making further written enquiries as to the suitability of the product for the intended purpose does so at their own risk and we can accept no responsibility for the performance of the product or for any loss or damage (other than death or personal injury resulting from negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.*

Please refer to your local representative or visit [www.yachtpaint.com](http://www.yachtpaint.com) for further information.

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